**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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|---|---|---|
| Applicants: Johannes Ruetschi | ) | |
| | ) | |
| Serial No.: 10/812,553 | ) | Group Art Unit: 2617 |
| | ) | |
| Filed: March 30, 2004 | ) | Examiner: Matthew C. Sams |
| | ) | |
| Title: PRESENCE BASED SYSTEM | ) | |
| PROVIDING IDENTITY CONTEXT | ) | |
| REMINDERS | ) | |
| | ) | |
| | ) | |

**DECLARATION UNDER 37 C.F.R. §1.131**

Mail Stop **AMENDMENT**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Johannes Ruetschi, inventor for the invention claimed in the above referenced patent application, declare as follows:

Sometime prior to January 30, 2004, I conceived and reduced to practice:

a communications system,

a method of maintaining location and presence status current in the communications system,

a computer program product for sharing user location and presence status amongst a plurality of users identified with communications devices in the communications system,

a computer program product for managing location and presence information for users associated with one or more respective communications device amongst a plurality of communications devices networked together in a communications system, and

a computer-readable medium with stored instructions that cause a processor to maintain location and presence status current in the communications system;

The communications system included:

communications devices communicating with each other over a network that includes a telephone network and a local area network (LAN), a first group of communications devices being connected to the LAN and a second group being connected to the telephone network,

storage on the LAN stores location and presence information about system users, each communications device is identifiable with at least one system user, and wherein some individual system users may be associated with more than one communications devices, and

an identity context reminder service monitors communications devices for current location and presence status for associated users and compares current location and presence status for inconsistencies with an expected location and presence for said associated, wherein for each one the identity context reminder service monitors multiple associated devices for inconsistencies, inconsistencies further being indicated by a system user indicated as being at a communications device other than an associated one, the identity context reminder service selectively providing a reminder to respective communications device responsive to an inconsistency.

Sometime prior to January 30, 2004, I memorialized and submitted a disclosure of my communications system, method, computer program product and computer-readable medium as Siemens Corporation Invention Disclosure, a copy of the cover page and disclosure are attached hereto, all dates and personal information having been redacted, marked Exhibit A;

On March 30, 2004, the present patent application was filed embodying my invention;

All acts, including conception and reduction to practice, occurred in the United States;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor/Affiant:     Johannes Ruetschi

**Signature:**_____ *Johannes Ruetschi*_____

_____ *July 1st 2010*_____ **Date**

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                        Delray Beach, FL 33483
Citizenship:   Switzerland

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**EXHIBIT A**

**Atty Dkt No.:** 2003P19276US

**Serial No.:** 10/812,553

## INVENTION DISCLOSURE

Page 1 of

Return this completed form,
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**Intellectual Property Department (IPD)**
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| Docket No. _____ *997* US |
| IP Attorney *FGH* |

1.  Your Div.'s Project # _____ : Invention Title: <u>Identity Context Reminder</u>

2.  **INVENTOR**

*At the time the invention was conceived, this inventor was*
☐ an employee of a German legal entity (e.g. Siemens AG)
☒ an employee of a non-German entity (e.g. Siemens Automotive Corporation or Siemens Canada Limited)
**If you are not sure, contact IPD at +1-732-321-3026**

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Signature _____
Date _____

3.  **CO-INVENTOR (if any)**
    (use additional forms for more co-inventors)

*At the time the invention was conceived, this inventor was*
☐ an employee of a German legal entity (e.g. Siemens AG)
☒ an employee of a non-German entity (e.g. Siemens Automotive Corporation or Siemens Canada Limited)
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Full Name
Home Address

Citizen of
Soc. Sec. #
COMPANY/LOCATION INFORMATION
Employer
Division
Address

Work telephone
Fax
Email

Signature _____
Date _____

4.  Purpose(s), and likely field(s) of use of this invention <u>Presence Based Collaboration system</u>

5.  Is this invention still secret within Siemens? YES ☒    NO ☐
    Do you soon plan to make the invention information available outside of Siemens? YES ☐    NO ☒
    Based on your answer to Question #5, explain when and how this invention was/will be made available to someone outside of Siemens (e.g. trade show at location/date, customer presentation at company/location/attendees/date, supplier prototyping by company/date, included in product brochure or advertisement in publication/date, industry technical symposium paper presented place/date, etc).

6.  Where is this invention described?  List all documents containing aspects of this invention (e.g. engineer notebook date/page, internal status report, test logs, physical prototypes, customer presentation, etc) <u>Note book</u>

7.  What date do you recall creating this invention? ▊▊▊▊▊▊
    When do you recall first explaining this invention to a witness who is not also a co-inventor? ▊▊▊▊▊
    Who was those witness(es) ▊▊▊▊▊
    Has this invention been prototyped or tested yet?  If so, when, where, by who?  What were the results? <u>There is no existing prototype.</u>

8.  I have ☐   have not ☒   attached _____ number of additional sheets to better describe this invention.

9.  Identify all non-Siemens companies that may in the future benefit from the use of this invention through a license. <u>Providers of presence based systems.</u>

10. Was this invention developed under, or quoted for, a customer contract? YES ☐    NO ☒
    Was it developed under a government contract? YES ☐    NO ☒
    If yes to either, please give contract name and number, and further explain the situation

**IF THE ANSWERS TO ANY OF THESE QUESTIONS CHANGE BEFORE THIS INVENTION IS FILED AS A PATENT APPLICATION WITH THE GOVERNMENT, MAKE SURE TO SEND AN UPDATE TO SIEMENS IPD.**

11. WITNESSED AND UNDERSTOOD BY:

Signature _____
Name  Lee Gilbert_____
Date _____

Company Name  Siemens ICN_____
Company Address  5500 Broken Sound Blvd. _____
Boca Raton, FL 33487_____

Return this completed form,
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   THIS INVENTION DISCLOSURE IS SIEMEN
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EXHIBIT A          Atty Dkt No.: 2003P19276US
                   Serial No.: 10/812,553

## SUPPLEMENTAL SHEET
## FOR INVENTION DISCLOSURE          Page ___ of ___

## Abstract

Presence based systems require users to set their identity context. This operation is not entirely automated. The probability a user forgets to update his identity context is non negligible. The result is a system that:
  1) presents inaccurate presence information to its subscribers
  2) does not set the appropriate profile for a user

This invention describes a solution that reminds a user to update his identity context based on time, calendar, location, and current status. The Identity Context Reminder Service as described below helps to significantly reduce the above mentioned shortcomings.
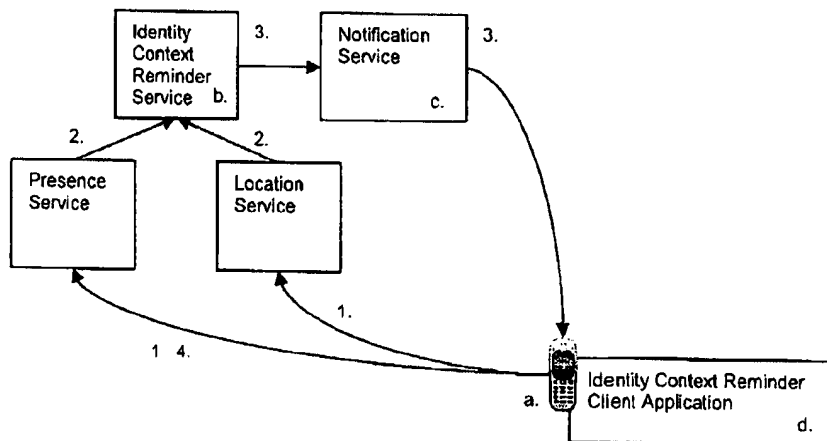
## Background Information

-

## Details

### Terminology

The Identity Context can be defined with values such as: "In Meeting", "Out to Lunch", "On vacation", "Working from home", "On Business Trip". These are only examples. The actual identity context information depends upon the specific presence based solutions deployed.

An Identity Context Reminder Service is a rule based engine that is capable of suggesting a new identity context to a user based on time, calendar, location, and current identity context.

An Identity Context Reminder Client is an optional application that provides convenient management of Identity Context notifications.

### Technical Overview



The Identity Context Reminder solution is composed of:
a. An endpoint that may provide location and presence information.
b. An Identity Context Reminder service that has access to a location service and a presence service.
c. A notification service capable of sending IM, SMS, e-mail, or similar messages to the endpoint.
d. An optional 'Identity Context Reminder Client Application' that enables the user to conveniently manage Identity Context Reminder notifications.

Inventor's Signature: _____     Witness' Signature: _____

Date: _____                      Date: _____

EXHIBIT A

**SUPPLEMENTAL SHEET
FOR INVENTION DISCLOSURE**

Page ___ of ___

This is the flow of events that may lead to an Identity Context Reminder:

1. A device provides location and presence information to location and presence services
2. An Identity Context Reminder Service (ICRS) is notified of changes to a user's location and presence information. The ICRS applies rules to the location and presence data to determine if a new context must be suggested to the user (with an Identity Context Reminder).
3. Identity Context Reminders are sent to the device with a notification service.
4. Optionally an Identity Context Reminder Client Application can be used by the user to update her identity context and to clean the inbox from received reminders. This application can be based on J2ME or the .NET compact framework.

## Related Art

No related art has been identified.

## Potential Licensing Opportunities

This invention could be licensed to presence solution providers.

Inventor's Signature: _____    Witness' Signature: _____
Date: _____    Date: _____